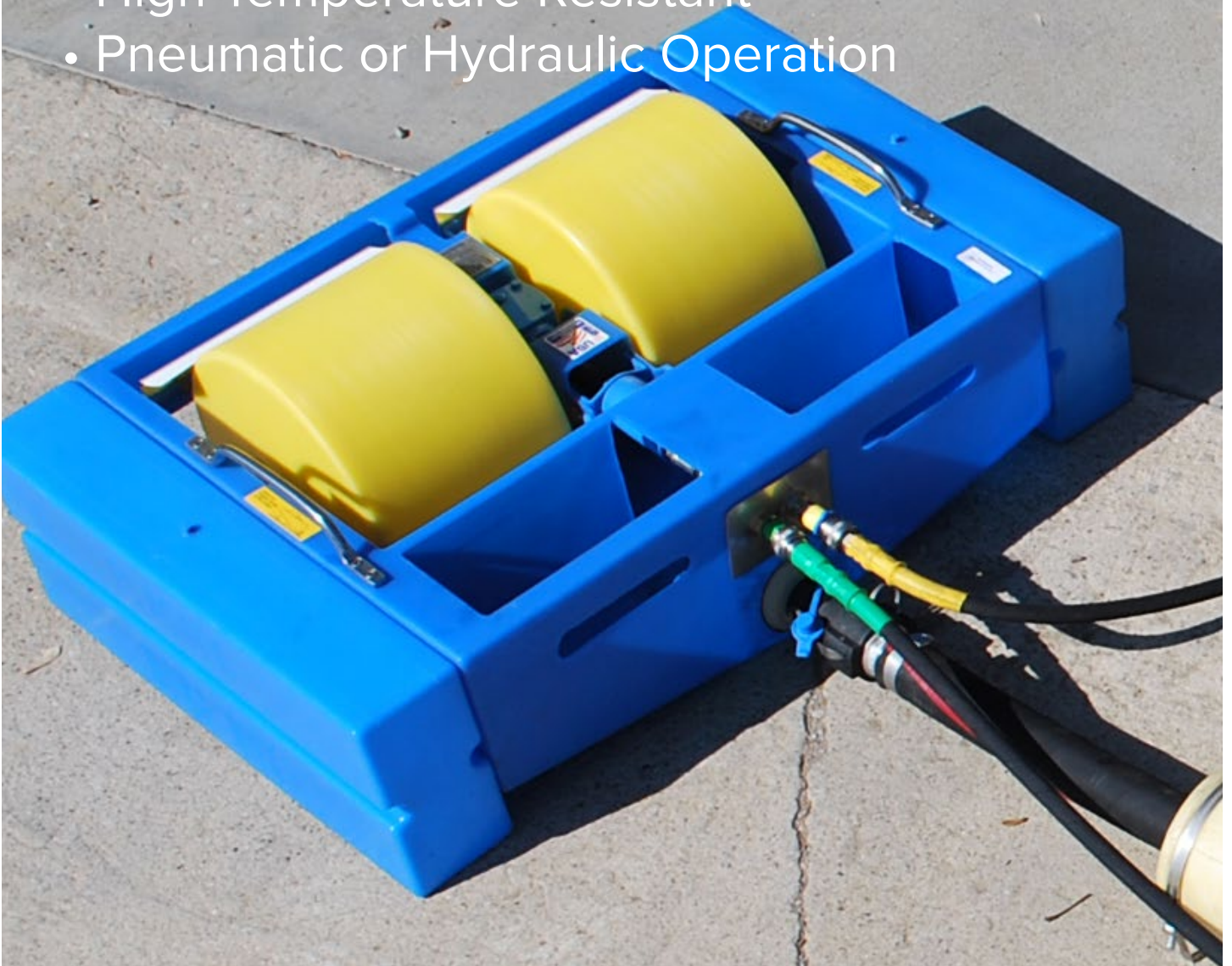


ELASTEC
MiniMax

Drum Skimmer

- Industrial Applications
- High Temperature Resistant
- Pneumatic or Hydraulic Operation



The ELASTEC MiniMax is a robust and reliable drum skimmer designed with industrial applications in mind. The standard skimmer frame is manufactured in Polyethylene HD, making it resistant to many chemicals found in industrial pits, sumps, separators and tanks. The skimmer materials can be upgraded to suit different operating environments.

MiniMax is capable of recovering both light and heavy oils with very low water content - typically around only 2%. The skimmer is able to recover oil at rates up to 20 gallons min/ 5 cu.m per hour. The self-adjusting wiper blades recover oil from the face of drums as they rotate. ELASTEC Drum Skimmers are able to recover a wide range of oils and sheen, from diesel to crude oils. The motor, gearbox and drums are capable of thousands of hours of trouble free operations. MiniMax may be fitted with either an air or hydraulic drive motor. We offer a choice of suction pumps in different materials to suit the application.

Specification

Oil Recovery Rate:	Up to 20 gpm / 5 cu.m per hour
Number of Drums:	2 (Polyethylene HD)
Frame:	Polyethylene HD standard (optional anodized marine grade aluminum)
Wiper Blades:	Self-adjusting spring loaded. Spare wiper blades included.
Wiper Retainer:	Mounted with stainless steel pins and springs
Handles:	Included
Dimensions:	42 x 28 x 14 inch / 1.07 x 0.71 x 0.36 m
Weight:	50 lb / 23 kg
Drive:	Pneumatic or Hydraulic
Max Operating Temp:	54°c / 130°f (high temperature* version available)
Suction Coupling:	2 inch female camlock

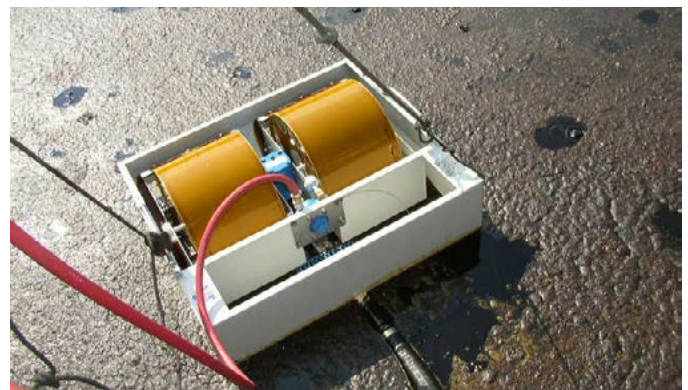
Special Versions

MiniMax may be supplied with an anodized marine grade aluminum frame for hot environments.

This skimmer is widely used in the Palm Oil industry for the recovery of waste oils. For this application, the oil has to be heated to a high temperature to make it fluid. MiniMax is capable of withstanding these temperatures as well as the corrosive conditions. We epoxy paint components such as the gearbox for added protection.

For acidic environments the standard polyethylene construction may be used. If necessary the shafts and bearings can be upgraded to stainless steel. In this configuration they are widely operated in the copper mining industry recovering organic oils in acidic ponds.

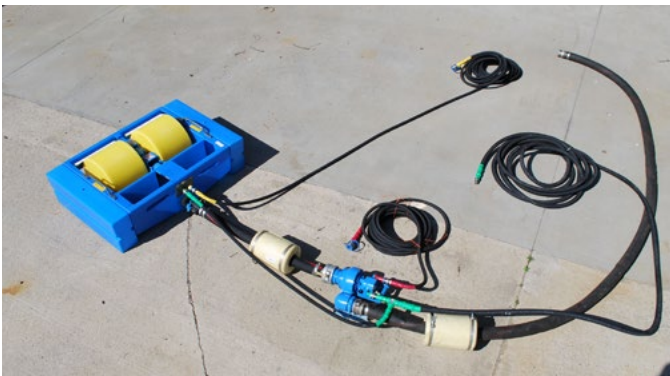
We also offer a food grade version of MiniMax. For this application we supply the skimmer in bare metal without painted parts.



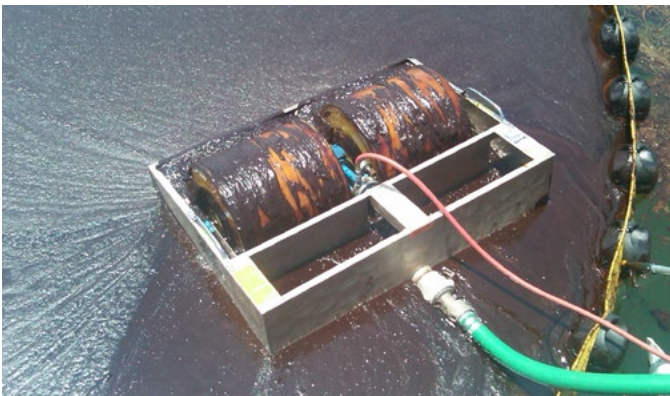
Materials	Standard	Food Grade
Frame	Polyethylene HD	Anodized Aluminum
Drums	Polyethylene HD	Aluminum
Drum Shafts	Aluminum	Aluminum
Gearbox	Epoxy Painted	Unpainted
Bearings	Steel	Stainless Steel
Wiper Retainer	Aluminum	Aluminum
Suction Hose Coupling	Poly	Poly
Drive	Pneumatic or Hydraulic	Pneumatic

Materials	High Temperature	High Temp. & Acidic	Extra Acidic
Frame	Anodized Aluminum	Anodized Aluminum	Polyethylene HD
Drums	Aluminum	Aluminum	Polyethylene HD
Drum Shafts	Aluminum	Aluminum	Stainless Steel
Gearbox	Epoxy Painted	Epoxy Painted	Epoxy Painted
Bearings	Steel	Stainless Steel	Stainless Steel
Wiper Retainer	Aluminum	Stainless Steel	Stainless Steel
Suction Hose Coupling	Poly	Poly	Poly
Drive	Pneumatic or Hydraulic	Pneumatic or Hydraulic	Pneumatic

Configurations



MiniMax may be supplied with pneumatic or hydraulic motor with a choice of pumps (diaphragm or submersible E150). A hydraulically operated skimmer may be delivered with a diesel or electric driven hydraulic power pack.



Elastec pneumatic skimmers are fitted with air motors that conform to European standard EN13463-1 non-electrical equipment for explosive atmosphere group 11 cat 2 (gas & dust), protected by construction (surface temp. rated 135c).

Air requirements;

Skimmer only: 5 to 15 cfm , 50 to 100 psi.

Skimmer and E1 pump : 10 to 35 cfm, 50 to 100 psi.



BSK-063 9/15/15



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